

WHAT IS CLAIMED IS:

1. A method for surface treating a guide roller rotatably supported in a case of a magnetic tape cassette comprising:

performing an ironing treatment on at least one of an upper end face and a lower end face of the guide roller so that at least one of the upper end face and the lower end face is not worn through its contact with the case of the magnetic tape cassette,

wherein the ironing treatment is executed in such a manner that two heating plates having mirror surfaces are contacted to the upper end face of the guide roller and the lower end face of the guide roller, respectively.

2. A method for surface treating a guide roller according to claim 1, wherein the ironing treatment is executed in such a state that the ironing treatment temperature is lower than a melting point of resin.

3. A method for surface treating a guide roller according to claim 2, wherein the guide roller is made of polyoxymethylene (POM).

4. A method for surface treating a guide roller according to claim 1, wherein the guide roller is made of polyoxymethylene (POM) .